CLAIMS:

1.   A fluorinated organosilicon compound having the following general formula (1):

$$(HSiO)_a(Rf^1\text{-}(X)_e\text{-}CH_2CH_2\underset{\underset{R^1}{|}}{\overset{\overset{R^1}{|}}{Si}}O)_b\text{-}\underset{\underset{R^1}{|}}{\overset{\overset{R^1}{|}}{Si}}\text{-}Z\text{-}\underset{\underset{R^1_{3\text{-}c\text{-}d}}{|}}{\overset{\overset{R^1_{3\text{-}a\text{-}b}}{|}}{Si}}\text{-}(O\underset{\underset{R^1}{|}}{\overset{\overset{R^1}{|}}{Si}}H)_c(O\underset{\underset{R^1}{|}}{\overset{\overset{R^1}{|}}{Si}}CH_2CH_2\text{-}(X)_e\text{-}Rf^1)_d \qquad (1)$$
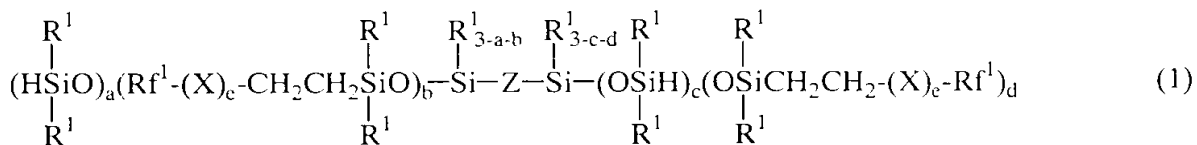
wherein R^1 is independently a monovalent hydrocarbon group having 1 to 6 carbon atoms,
        X is independently $-CH_2-$, $-CH_2O-$, $-CH_2OCH_2-$ or $-Y-NR^2-CO-$ wherein Y is $-CH_2-$ or a divalent group of the following structural formula (I):

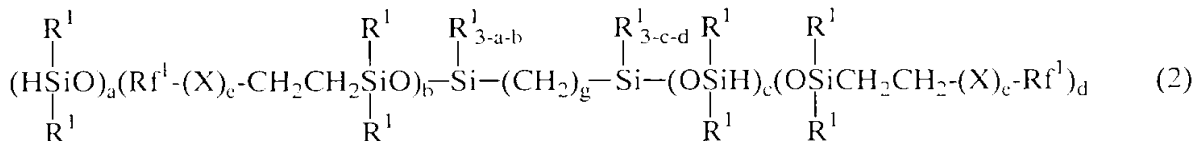$$-\underset{\underset{CH_3}{|}}{\overset{\overset{CH_3}{|}}{Si}}\text{---}\bigcirc\text{---} \qquad (I)$$

and R^2 is hydrogen or a monovalent hydrocarbon group having 1 to 10 carbon atoms,
        Rf^1 is a monovalent perfluoroalkyl or perfluorooxy-alkyl group,
        Z is a divalent hydrocarbon group of 1 to 15 carbon atoms which may contain an ether bond,
        subscripts a, b, c and d are integers satisfying a ≤ 3, b ≤ 3, c ≤ 3, d ≤ 3, 3 ≤ a+c ≤ 5, 1 ≤ b+d ≤ 3, a+b ≤ 3, and c+d ≤ 3, and e is independently 0 or 1.

2.   The fluorinated organosilicon compound of claim 1 having the following general formula (2):

$$(HSiO)_a(Rf^1\text{-}(X)_e\text{-}CH_2CH_2\underset{\underset{R^1}{|}}{\overset{\overset{R^1}{|}}{Si}}O)_b\text{-}\underset{\underset{R^1}{|}}{\overset{\overset{R^1}{|}}{Si}}\text{-}(CH_2)_g\text{-}\underset{\underset{R^1_{3\text{-}c\text{-}d}}{|}}{\overset{\overset{R^1_{3\text{-}a\text{-}b}}{|}}{Si}}\text{-}(O\underset{\underset{R^1}{|}}{\overset{\overset{R^1}{|}}{Si}}H)_c(O\underset{\underset{R^1}{|}}{\overset{\overset{R^1}{|}}{Si}}CH_2CH_2\text{-}(X)_e\text{-}Rf^1)_d \qquad (2)$$

wherein R^1, X, Rf^1, a, b, c, d and e are as defined above and g is an integer of 1 to 8.

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